

MR Form 3
(Revised 1984)

ACT/037/026
RECEIVED

JUN 03 1985

ANNUAL OPERATIONS AND PROGRESS REPORT

DIVISION OF OIL
GAS & MINING

From Month/Year Jan/1984
to Month/Year Dec/1984

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Umetco Minerals Corp. MINE NAME: La Sal-Snowball Mine

ADDRESS: P.O. Box 307 La Sal, Utah 84530

PERMIT NUMBER AND DATE OF PERMIT: ACT/037/026-----12/21/78

REPRESENTATIVE: Bruce A. Greene

SECTION(S): _____ TOWNSHIP(S): 28S RANGE(S): 24E

MINERAL(S) MINED: Uranium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: _____

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: _____

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

<u>Disturbance</u>	<u>Acreage</u>
Pit	not applicable
Roads	_____
Facilities	_____
Waste Dumps	_____
Other	_____

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	0
1976	0
1977	13
1978	17
1979	17
1980	17
1981	17
1982	17
1983	51

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

	<u>Area</u>			
<u>Area Affected (in mining sequence)</u> <u>(If more space is needed, please attach.)</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>etc.</u>
Acreage of Area	none			
Depth of Topsoil Removal (inches)	_____			
Depth of Topsoil Replacement (inches)*	_____			
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)	_____			
Volume Actually Salvaged (yd ³ or ac ft)	_____			
Volume Required for Reclamation (yd ³ or ac ft)	_____			
Surplus or Deficit Volume (yd ³ or ac ft)	_____			
Storage Status (short- or long-term)	_____			

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
none				
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
none		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	none	
(Milled)	none	

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

- Buildings and support facilities.
none
- Roads.
none

3. Diversion ditches, collector ditches, interceptor ditches, etc.
see attached letters dated 5/9/84 DOGM and answered 5/25/84 Umetco

4. Culverts.
Snowball Mine- a culvert was placed under the mine access road
in conjunction with the above diversion ditch

5. Sediment ponds, containment ponds.
none

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).
none

7. Topsoil stockpiles.
none

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
not applicable

2. Subsidence.
none

3. Accidental water discharge, dam failure, etc.
none

4. Slumping, sliding or erosion.
none

5. Revegetation problem areas.
none

6. Existence and location of unsuitable (toxic) overburden.
none

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

<u>Area</u>	<u>Acreage</u>
La Sal Office and Shop area	3
this area was not reclaimed but was graded and contoured to allow surface runoff to be diverted off property	

2. Topsoiled areas.

<u>Area</u>	<u>Acreage</u>
none	

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
none	

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
none	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	0
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	0

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.
none

2. Type of seed (species) used for seeding during the report period.
none

3. Date of seeding during the report period.

Spring not applicable

Fall

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

none

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

none

6. Type and rate of fertilizer applied.

none

7. Type and rate of mulch applied.

none

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

none

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

see attached

10. Soil analysis results.
none

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.
crested wheat grass:Nordan, yellow sweetlover, western

wheatgrass

2. Types (species) of seed that are not growing successfully.
four-wing saltbrush, galleta grass; viva, sand drop seed

3. Areas experiencing problems with weeds and weed types.
russian thistle all areas

4. Significant erosional problems.
none

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.
none

6. Procedures used or proposed to correct these problems.
none

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
none		

8. Results of soil analysis.
none

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading		
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	<u>\$177,800</u>	<u>surety contract</u>	<u>Jan. 25, 1984</u>

Increased disturbance, if any:

none

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
<u>none</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

The mine was placed on shutdown standby on 1/1/84. No mining activity or final reclamation occurred during 1984. Work was performed as per DOGM letter May 9, 1984 on or before dates listed on Umetco's letter dated May 25, 1984. (see attached) The permit was transferred from Union Carbide Corp. to Umetco Minerals Corp. on 1/25/84. A surety contract was made to cover the new bond estimate and approved on 1/25/85.